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FTD HT 65-329

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MASS TRANSFER IN PROCESSES OF FILM
RECTIFICATION - TURBULENT VAPOR FLOW

(Massobmen v Protsesse Plenochnoi Rektifikatsii -
Turbulentny Potok Para). [1961] 3p. 8 refs. (SIR
ILL) M. 2748.

Order from DTS or SLA \$1.10

61-23320

Uncl.ited tr. of Akad[emiya] Nauk SSSR. Doklady]
1955, v. 105, no. 5, p. 1637H.

DESCRIPTORS: Vapors, Turbulent flow, Separation,
Mass transfer.

The equation $h_{\text{eq}} = 11.1d^{0.64} \text{Re}^{0.23} \mu^{0.67}$ is
recommended for calculating the rectification process
in the range of Reynolds numbers $\text{Re} = 100$ to 15,000.
(See also 50-18628, 61-23315)
(Chemistry--Physical, TT, v. 7, no. 7)

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DESCRIPTORS: *Purification, *Distillation, *Water,
Effectiveness, Packing materials, Design, Hydrody-
namics, Mass transfer, Resistance, Pressure,
Velocity, Temperature, Chemical engineering.

(Engineering--Chemical, TT, v. 10, no. 3)

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- I. Malyusov, V. A.
- II. Zhavoronkov, N. M.
- III. International Chemical
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Mass Transfer in Thin Films of Liquid, by B. I.
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USIE INTERNAL USE ONLY

Malz, Hugo and Rosahl, Dietrich.

POLYMERIZATION OF CHLOROPRENE. [Nov 58]
[9]p.

Order from LC or SLA m\$1.80, ph\$1.80 60-18997

Trans. of Belgian patent 564218, by Farbenfabriken
Bayer Aktiengesellschaft, Leverkusen, Germany
(International convention; appl. of German Federal
Rep. no. F 22 222, IVb/39c, filed 25 Jan 57).

The chloroprene is polymerized in the presence of
0.005 to 2% (based on the chloroprene) of a polymeri-
zation catalyst chosen from the group consisting of
nitrogen sulfides, heptathio-imide and their deriva-
tives. The chloroprene is polymerized in aqueous
dispersion at a pH of 7 to 12 and a temperature of
about 40 to 110°C, until about 60 to 90% of the chloro-
prene has been polymerized, after which the poly-
merized chloroprene is isolated.

(Chemistry--Organic, TT, v. 5, no. 2)

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*Dept of Navy CMI

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